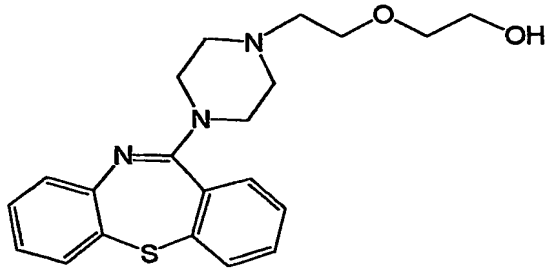
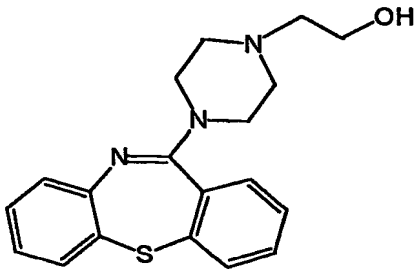
CLAIMS

1. Procedure for obtaining 11-(4-[2-(2-hydroxyethoxy)ethyl]-1-piperazinyl)-dibenzo[b,f][1,4]thiazepine, of formula (I)

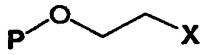


(I)

or a pharmaceutically acceptable salt thereof, characterised in that it comprises reaction between a compound of formula (II) and a compound of formula (III):



(III)



(III)

in which X means a leaving group and P a protective group of alcohols resistant to alkaline conditions, in the presence of a base, followed by a step of deprotection

and, eventually, obtaining a pharmaceutically acceptable salt thereof.

2. Procedure according to Claim 1, characterised in that said reaction between said compound of formula (II) and said compound of formula (III) is carried out by phase transfer in the presence of a phase-transfer catalyst.

3. Procedure according to Claim 2, characterised in that said phase-tranfer catalyst is selected from among tetrabutyl ammonium bisulphate, Aliquat 336, tetrabutyl ammonium iodide, 18-corona-6 ether.

4. Procedure according to Claim 2, characterised in that said phase-transfer reaction is carried out in the absence of organic solvent.

5. Procedure according to Claim 1, characterised in that said base is an alkaline or alkaline-earth organic or inorganic base.

6. Procedure according to Claim 5, characterised in that said base is an alkaline or alkaline-earth hydroxide or carbonate.

7. Procedure according to Claim 6, characterised in that said base is an alkaline hydroxide in solid form or in aqueous solution.

8. Procedure according to Claim 1, characterised in that X is halogen or an alkylsulphonyloxy or arylsulphonyloxy group.

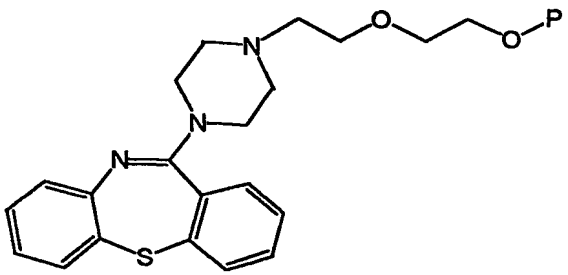
9. Procedure according to Claim 8, characterised in that X is a mesylate, triflate, nonaflate, tresylate, tosylate, brosylate or nosylate.

10. Procedure according to Claim 1, characterised in that said protective group of alcohols P is of ether type.

11. Procedure according to Claim 10, characterised in that said protective group of alcohols P of ether type is selected from tetrahydropyranyl, benzyl and trithyl (triphenylmethylo).

12. Procedure according to Claim 11, characterised in that said protective group of alcohols P of ether type is trithyl.

13. Procedure according to Claim 1, characterised in that said step of deprotection includes hydrolysis in acid medium of an intermediate of formula (IV):



(IV)

in which P has the meaning defined in Claim 1.